

IN THE CLAIMS:

Claims 25 and 59 have been amended herein. Please note that all claims currently pending and under consideration in the referenced application are shown below. Please enter these claims as amended. This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1-24. (canceled)

25. (currently amended) An explosive composition, comprising:
about 45 weight percent to about 69 weight percent ~~RDX~~ 1,3,5-trinitro-1,3,5-triaza-cyclohexane (RDX) based on a total weight of the explosive composition;
about 0.5 weight percent to about 2.25 weight percent polyisobutylene based on the total weight of the explosive composition;
about 15 weight percent to about 30 weight percent 2,4,6,8,10,12-hexanitro-2,4,6,8,10,12-hexaazatetracyclo[5.5.0.0^{5,9}0^{3,11}]-dodecane (CL-20) based on the total weight of the explosive composition; about 15 weight percent to about 25 weight percent bis(dinitropropyl)acetal and bis(dinitropropyl)formal (BDNPA/F) based on the total weight of the explosive composition;
at least one binder swellable in the BDNPA/F; and
at least one silicone fluid.

26. (previously presented) The explosive composition of claim 25, wherein the CL-20 comprises 15 weight percent to 20 weight percent of the total weight of the explosive composition, and wherein the BDNPA/F comprises 15 weight percent to 19 weight percent of the total weight of the explosive composition.

27. (previously presented) The explosive composition of claim 25, wherein a weight ratio of the RDX and the polyisobutylene to the CL-20 and the BDNPA/F is in a range of 1:1 to 3:1.

28. (canceled)

29. (previously presented) The explosive composition of claim 25, wherein the at least one binder comprises at least one member selected from the group consisting of cellulose esters, polyethers, and polyurethanes.

30. (previously presented) The explosive composition of claim 25, wherein the at least one binder comprises cellulose acetate butyrate.

31. (previously presented) The explosive composition of claim 25, wherein the at least one silicone fluid comprises at least one homopolymer selected from the group consisting of dimethylsiloxane, methylphenylsiloxane, polysilane, methylvinylsiloxane, and diphenylsiloxane.

32. (previously presented) The explosive composition of claim 25, wherein the at least one silicone fluid comprises at least one copolymer comprising repeating units of at least two members selected from the group consisting of dimethylsiloxane, methylphenylsiloxane, polysilane, methylvinylsiloxane, and diphenylsiloxane.

33. (previously presented) The explosive composition of claim 25, wherein the at least one silicone fluid has a room temperature viscosity in the range of about 350 centistokes to about 5000 centistokes.

34-58. (canceled)

59. (currently amended) An explosive composition, comprising:
about 45 weight percent to about 69 weight percent ~~RDX~~-1,3,5-trinitro-1,3,5-triaza-cyclohexane
(RDX) based on a total weight of the explosive composition;
about 0.5 weight percent to about 2.25 weight percent polyisobutylene based on the total weight
of the explosive composition;
about 15 weight percent to about 30 weight percent 2,4,6,8,10,12-hexanitro-2,4,6,8,10,12
-hexaazatetracyclo[5.5.0.0^{5,9}.0^{3,11}]-dodecane (CL-20) based on the total weight of the
explosive composition; and
about 15 weight percent to about 25 weight percent bis(dinitropropyl)acetal and
bis(dinitropropyl)formal (BDNPA/F) based on the total weight of the explosive
composition.